1. (Amended) An isolated polynucleotide comprising a nucleotide sequence selected from the group consisting of:

(a) a nucleotide sequence encoding a polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 38, 46, 48, 124, 126, and 158;

(b) a nucleotide sequence comprising a sequence selected from SEQ ID NO: 37, 45, 47, 123, 125, and 157;

(c) a nucleotide sequence that hybridizes to the nucleotide sequences set forth in (a) or (b) under the following conditions: hybridization in 42° C in 50% formamide, 5X SSC, and washing with a step selected from the group consisting of (i) 0.2X SSC, 0.05% sodium sarcosyl and 0.01% sodium pyrophosphate at 55° C; (ii) 0.2x SSC to 2.0 x SSC, 0.1% SDS at 50-65° C; and (iii) 0.2 x SSC, 0.1% SDS at 65° C; and

(d) the complement of (a), (b) or (c).

2. (Amended) The isolated polynucleotide of claim 1, further comprising a constitutive promoter operably linked to said nucleotide sequence.

3. (Reiterated) The isolated polynucleotide of claim 1, further comprising an inducible promoter operably linked to said nucleotide sequence.

4. (Reiterated) The isolated polynucleotide of claim 1, further comprising a tissue-active promoter operably linked to said nucleotide sequence.

5. (Amended) An expression vector comprising a polynucleotide selected from the group consisting of the isolated polynucleotide of claim 1, SEQ ID NO: 19, SEQ ID NO: 43, SEQ ID NO: 105, and SEQ ID NO: 127.

6. (Reiterated) A host cell comprising the expression vector of claim 5.

7. (Amended) A transgenic plant comprising a polynucleotide selected from the group consisting of the isolated polynucleotide of claim 1, SEQ ID NO: 19, SEQ ID NO: 43, SEQ ID NO: 105, and SEQ ID NO: 127.

8. (Amended) A transgenic plant ectopically expressing a polynucleotide selected from the group consisting of the isolated polynucleotide of claim 1, SEQ ID NO: 19, SEQ ID NO: 43, SEQ ID NO: 105, and SEQ ID NO: 127.

12. (Amended) A method for producing a transgenic plant comprising an isolated polynucleotide or polypeptide, said method comprising (a) providing a polynucleotide selected from the group consisting of an isolated polynucleotide of claim 1, SEQ ID NO: 19, SEQ ID NO: 43, SEQ ID NO: 105, and SEQ ID NO: 127; (b) introducing said isolated polynucleotide in a plant to generate a transgenic plant; and (c) selecting said transgenic plant comprising the isolated polynucleotide or polypeptide.

13. (Reiterated) A method for identifying a sequence homologous to the polynucleotide of claim 1, said method comprising (a) providing a database sequence; (b) aligning and comparing the sequence of the polynucleotide of claim 1 with the database sequence to determine whether the database sequence meets sequence identity criteria relative to the polynucleotide of claim 1; and (c) selecting a database sequence that meets the sequence identity criteria.

14. (Reiterated) A polynucleotide sequence identified by the method of claim 13.

17. (Amended) A method for screening for a transcription factor that modifies a plant trait, said method comprising (a) generating one or more transgenic plants ectopically expressing a polynucleotide selected from the group consisting of an isolated polynucleotide of claim 1, SEQ ID NO: 19, SEQ ID NO: 43, SEQ ID NO: 105, and SEQ ID NO: 127; and (b) identifying whether said generated transgenic plant is a plant with a modified trait.